PATENT

ATTORNEY DOCKET NO.: 044481-5043

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

))
) Group: Unassigned)
)
) Examiner: Unassigned)
)

BOX PCT

Commissioner for Patents Washington, D.C. 20231

RESPONSE TO NOTIFICATION OF MISSING REQUIREMENTS UNDER 35 USC 371 IN THE U.S. DESIGNATED/ELECTED OFFICE (DO/EO/US)

This replies to the Notification of Missing Requirements (Form PCT/DO/EO/905) mailed January 24, 2001. 1.

A copy of the Notification of Missing Requirements (Form PTC/DO/EO/905) is enclosed.

Declaration or Oath

2.		on or Caul
03/27/2001 UEDUVIJE 0000 01 FC:254 02 FC:215	00030 0§3€}302 1 65.04 55.00	No declaration or oath was filed. Enclosed is the original Combined Declaration and Power of Attorney. The specification attached to the declaration is a copy of the specification and any amendments thereto which were filed in the PTO to obtain the filing date.
	[]	The declaration or oath which was filed was determined to be defective.

A new original Combined Declaration and Power of Attorney is attached. []

ATTORNEY DOCKET: 044481-5043

Page 2

3. English Translation of Non-English Language Papers

[]	Submitted herewith is a verified English translation of the non-English
L J	language application papers as originally filed. It is requested that this
	translation be used as the copy for examination purposes in the PTO.

[] Also enclosed is the Verification of Translation Document

4. Fee Calculation

		Basic Fee: P	CT Application-\$860.0	
	Number Filed	Number Extra	at a Rate of	
Total Claims	- 20 =		\$18.00 each=	+\$
Independent Claims	- 3=		\$80.00 each=	+\$
Multiple dependent claim(s), if any		\$270.00	+\$	
Missing Requirements Surcharge Fee		\$130.00	\$130.00	
Wissing Requirements t	Juronargo 1 00		SUB-TOTAL	L = \$130.00
Fee For Application Filed With A Non-English Specification (37 CFR 1.17(k) and 1.52(d)		\$130.00	+\$	
Fee For Processing and retention of application (37 CFR 1.21(l) and 1.53(d)		\$130.00	+	
Reduction by ½ for filing by small entity. All entities associated with this application presently meet the requirements of 36 CFR \$1.9(d).			\$65.00	
u > (=).			TOTAL FILING FE	E = \$65.00

5. Extension of Time

The proceedings herein are for a patent application and the provisions of 37 CFR 1.136(a) apply.

[X] Applicants petition for an extension of time, the fees for which are set out in 37 CFR 1.17(a)-(d), for the total number of months checked below:

Total months requested	Fee for extension	Fee for Small Entity
[X] one month	110.00	\$ 55.00
[] two months	\$ 390.00	\$195.00
[] three months	\$ 890.00	\$445.00
[] four months	\$1,390.00	\$945.00

Extension of time fee due with this request:

\$55.00

If an additional extension of time is required, please consider this a Petition therefor.

- [] Applicant believes that no extension of time is required. However, this conditional petition is being made to provide for the possibility that applicant has inadvertently overlooked the need for a petition and fee for extension of time.
- 6. Fee Payment

The total fee due is:	Completion Fees Extension Fees Total Fee Due	\$ 65.00 (SMALL ENTITY) \$ 55.00 \$ 120.00

[X] A check in the amount of \$120.00 representing the Missing Requirements Surcharge and one-month extension of time fee is enclosed.

ATTORNEY DOCKET: 044481-5043

Page 4

[X] Except for issue fees payable under 37 C.F.R. §1.18, the Commissioner is hereby authorized by this paper to charge any additional fees during the entire pendency of this application including fees due under 37 C.F.R §1.16 and §1.17 which may be required, or credit any overpayment to Deposit Account No. 50-0310.

7. Additiona	l papers enclosed
--------------	-------------------

[]	Pre	liminary	Amendment	t
-----	-----	----------	-----------	---

- PCT/IB/338 English translation of the International preliminary Examination Report
- [] Information Disclosure Statement
- Form PTO-1449, __ documents as listed
- Declaration of Biological Deposit
- Submission of "Sequence Listing", computer readable copy and/or amendment pertaining thereto for biotechnology invention containing nucleotide and/or amino acid sequence.

Respectfully submitted,

MORGAN, LEWIS & BOCKIUS LLP

Date: March 23, 2001

Customer No. 009629 MORGAN, LEWIS & BOCKIUS LLP 1800 M Street, N.W. Washington, D.C. 20036 (202) 467-7000